

A wide-angle, low-perspective shot of a massive industrial facility, likely a steel mill or heavy manufacturing plant. The ceiling is high, with a complex network of steel trusses and numerous bright, circular industrial lights. A prominent yellow overhead crane spans across the upper portion of the frame. Below it, the floor is filled with various pieces of industrial equipment, including large cylindrical tanks, structural beams, and smaller cranes. The overall atmosphere is one of a busy, large-scale industrial environment.

TAMTRON
WEIGH TO KNOW

WEIGHING SOLUTIONS FOR INDUSTRIAL USE

PRODUCTS FOR THE DEMANDS OF MANUFACTURING AND PROCESS INDUSTRY

Tamtron serves its customers in the manufacturing and process industry with scale products that are designed to fit challenging industrial environments and with whole weighing systems designed on demand, taking different steps of the process into account.

The data gathered by the weighing information management system can be implemented in the customer's own business. This helps to make production control accurate and processes faster and more efficient. Up-to-date weighing information is also useful in quality control and tracking defects.



CRANE SCALES

TAMTRON SCS+ CRANE SCALE – FROM LIGHTER TO HEAVIER INDUSTRIAL WEIGHINGS



The type-approved Tamtron SCS+ crane scale is a durable scale which makes the weighing process easier and faster by giving accurate weighing results even when the load isn't completely still. The scale is designed to weight from lighter loads of under 3,200 kg to heavier

loads of up to 50,000 kg. A wireless remote control device allows the scale to be used safely. The scale is approved for commercial weighing. The weighing results can be easily transferred to a computer for further use. A protective frame made of steel and a special version of the scale, developed especially for foundries, are also available.

TAMTRON BCS CRANE SCALE – A CONTROL SCALE FOR EVERY WEIGHT CLASS



The Tamtron BCS crane scale is available for a wide range of weighing needs, ranging from smaller loads of under 500 kg up to those weighing as much as 200,000 kg. Easy to use and robust crane scale is controlled via a remote control device, ensuring safe working. The

weighing information can be saved onto the remote control device, from where it can be easily transferred to a computer for further use. The scale is delivered calibrated and ready for use, and the shipment includes a calibration certificate and two batteries, allowing for continuous, uninterrupted use of the scale.



TAMTRON PCS CRANE SCALE – FOR LIGHTER INDUSTRIAL WEIGHINGS



The Tamtron PCS crane scale is designed especially for lighter industrial weighing for loads of under 10,000 kg. The crane scale is light, which allows it to be moved effortlessly as required. The scale is controlled by a remote control device, which facilitates safe working. The weighing information

is possible to save and transfer further for utilisation. The scale will give an accurate weighing result even if the load is swinging, which makes the weighing process easier and faster. This easy to use scale requires minimal set up and is ready for weighing as soon as it has been lifted onto a crane. This scale is approved for commercial weighing.

OTHER SOLUTIONS

TAMTRON SHS-BT SHACKLE DYNAMOMETER – FOR DEMANDING MEASURING AND TESTING



The shackle dynamometer SHS-BT is designed to endure particularly demanding industrial use. With its compact structure, the device fits perfectly into small spaces, which makes it excellently suited for use in the field. Available capacities range from 20 tonnes up to 120 tonnes.

Easy to use and increasing work safety, the shackle dynamometer has an overload warning facility and it can be operated wirelessly from a distance. Weighing details are saved to the remote control's memory, from where they can be utilized with another device. The shackle dynamometer is shipped calibrated and ready for use.

TAMTRON OPU OVERLOAD PROTECTION UNIT – ENSURES SAFE LIFTING



The Overload Protection Unit, typically used with cranes, hoists, elevators, lifters and gears, facilitates accurate and reliable overload supervision.

It is designed to help avoid damage to equipment and personal injuries. If the crane is overloaded or the load gets stuck, OPU stops the lift to prevent the machine from getting damaged. Automatic diagnostics constantly monitor the condition of cables and the weighing sensors, ensuring the device functions reliably. OPU stores the details of any potential overload incidents, along with the date and time, and this information can easily be transferred to a computer.

LOAD CELLS – STANDARD DELIVERY OR TAILOR-MADE



Load cells are used as a part of the weighing system and to prevent overloading. The high security factor ensures the load cells withstand demanding conditions. We produce both standard load cells as well as customer-specific tailored load cells.

Application-specific, tailored products include for example tension load cells, axle load cells, chain load cells, bending load cells and compression load cells.

INTERNATIONAL WEIGHING INDUSTRY PROFESSIONAL

Tamtron is an advanced product manufacturer and service provider in the weighing industry that is committed to high-quality and responsible service. The company's success is based on the ability to produce some of the most innovative and competitive weighing solutions in the industry. The weighing solutions provided by Tamtron make customers' everyday operations easier and more efficient in industries such as manufacturing, forestry and wood processing, harbours, construction and mining, transportation and logistics as well as recycling and waste management. ISO 9001:2015 Quality Management System certified competence guarantees the premium quality of deliveries.

Tamtron operates internationally and employs 140 professionals. The company headquarters is located in Finland and it has subsidiaries in Sweden, Poland, Germany, the Czech Republic and Slovakia. In addition to strong domestic trade, Tamtron exports globally to more than 60 countries. The company has a turnover of EUR 22 million. Tamtron is a reliable partner in weighing solutions with expertise and know-how of over 40 years, since 1972.

TAMTRON

P.O. Box 15 (Vestonkatu 11)
FI-33561 Tampere
Finland

Tel. +358 3 3143 5000
weighing@tamtron.fi

WWW.TAMTRONGROUP.COM



Unit 12 Gardens Business Park
Ateljee Street, Randpark Ridge
Gauteng, South Africa

Tel. +27 (0) 11 794 2939
info@autotechonline.co.za

WWW.AUTOTECHONLINE.CO.ZA